

HDC MHD 12 MC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Flexible**

The four module sizes make for individual plug solutions that save a huge amount of space. The smaller pitch translates into an optimised design too.

General ordering data

Version	Signal module, 12-pole, Pin, Module
Order No.	1428840000
Type	HDC MHD 12 MC
GTIN (EAN)	4050118232998
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	34 mm	Depth (inches)	1.339 inch
Height	38.9 mm	Height (inches)	1.531 inch
Width	14.5 mm	Width (inches)	0.571 inch
Net weight	9.745 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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General data

Insulation strength	$10^{12} \Omega$	Material	Polycarbonate, glass fibre reinforced
Number of poles	12	Plugging cycles	≥ 500
Pollution severity	3	Rated current (DIN EN 61984)	10 A
Rated impulse voltage (DIN EN 61984)	4 kV	Rated voltage (DIN EN 61984)	250 V
Rated voltage according to UL/CSA	600 V	Required plug-in slots	1
Series	ModuPlug	Surge voltage category	III
Type	Male	UL 94 flammability rating	V-0

PE connection data

Connection type PE	Screw connection via module frame
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Version

Conductor cross-section, max.	2.5 mm ²	Conductor cross-section, min.	0.14 mm ²
Stripping length, rated connection	8 mm	Type of connection	Crimp connection
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26

Classifications

ETIM 6.0	EC002312	ETIM 7.0	EC002312
ETIM 8.0	EC002312	ETIM 9.0	EC002312
ECLASS 9.0	27-44-02-92	ECLASS 9.1	27-44-02-18
ECLASS 10.0	27-44-02-92	ECLASS 11.0	27-44-02-92
ECLASS 12.0	27-44-02-92	ECLASS 13.0	27-44-02-92

Environmental Product Compliance

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	1609748e-c278-4c9b-b3d1-e6215d2988cd

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Creation date May 3, 2024 11:30:06 AM CEST

Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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Technical data

Downloads

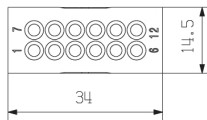
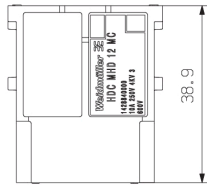
Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

HDC MHD 12 MC

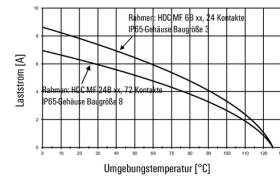
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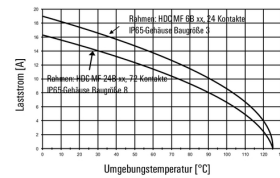
Drawings



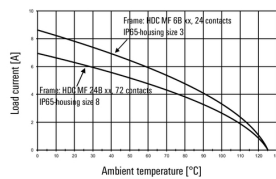
**HDC-MHD 12-Module im IP65-Gehäuse,
 Leiter H05V-K0,5:**



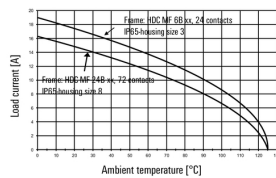
**HDC-MHD 12-Module im IP65-Gehäuse,
 Leiter H07V-K2,5:**



**HDC-MHD 12-modules in the IP65-housing,
 Conductor H05V-K0.5:**



**HDC-MHD 12-modules in the IP65-housing,
 Conductor H07V-K2.5:**



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Accessories

Crimp contacts HD



Crimps provide a electrical and mechanical connection between wire and contact that is both secure and reliable. The optimal crimp connection is gas-tight and corrosion-resistant.

General ordering data

Type	HDC-C-HD-SM0.5AG	Version
Order No.	1651530000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400200	Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM0.5AU	Version
Order No.	1651630000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400309	Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM0.75-1.00AU	Version
Order No.	1651640000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400316	Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM1.5AG	Version
Order No.	1651550000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400224	Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM0.14-0.37AG	Version
Order No.	1651520000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400194	Conductor cross-section, max.: 0.37, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM0.14-0.37AU	Version
Order No.	1651620000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400293	Conductor cross-section, max.: 0.37, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM1.5AU	Version
Order No.	1651650000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400323	Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM0.75-1.00AG	Version
Order No.	1601750000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190134280	Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM2.5AU	Version
Order No.	1651660000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400330	Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 pc(s).	

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Type	HDC-C-HD-SM2.5AG	Version	
Order No.	1651560000		Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400231		Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 pc(s).		